

What is Claimed is:

1. A composition comprising:

a supercritical extract and a hydroalcoholic extract of turmeric,

wherein a composition is made of effective amounts of the supercritical

5 extract and the hydroalcoholic extract of turmeric to effect smoke detoxification in a human.

2. The composition of claim 1, wherein a weight ratio of the hydroalcoholic

extract to the supercritical extract includes a weight ratio of about 3.0-6.0 parts

10 hydroalcoholic extract to 1 part supercritical extract.

3. The composition of claim 1, wherein the composition includes at least one

of curcuminoids, antioxidants, and turmerone.

- 15 4. The composition of claim 1,

wherein the supercritical extract of turmeric contains about 43% to 47% of

turmerones, and

wherein the hydroalcoholic extract of turmeric contains about 11% to 15%

of curcuminoids.

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5. The composition of claim 1, further comprising

an aqueous extract of green tea,

wherein at least one of the supercritical extract and the hydroalcoholic extract of turmeric is synergistic in combination with the aqueous extract of green tea.

6. The composition of claim 1, wherein an effective amount of the composition is orally administered, for a therapeutically effective period of time, to the human exposed to toxins from smoke.

7. The composition of claim 6, wherein the composition is used to reduce elevated levels of mutagens and fibrinogens in the human exposed to toxins from smoke.

8. A composition comprising:

supercritical and hydroalcoholic extracts of turmeric and ginger;

supercritical extracts of rosemary, parsley seed, peppermint and clove;

hydroalcoholic extracts of rosemary, parsley leaf, peppermint, and clove;

and

an aqueous extract of green tea,

wherein a composition is made of effective amounts of (i) the supercritical and the hydroalcoholic extracts of turmeric and ginger, (ii) the supercritical extracts of rosemary, parsley seed, peppermint and clove, and (iii) the hydroalcoholic extracts of rosemary, parsley leaf, peppermint, and clove to effect smoke detoxification in a human.

9. The composition of claim 8, wherein a weight ratio of the hydroalcoholic turmeric extract to the supercritical turmeric extract includes a weight ratio of about 3.0-6.0 parts hydroalcoholic extract to 1 part supercritical extract.

5 10. The composition of claim 8, wherein a weight ratio of the hydroalcoholic ginger extract to the supercritical ginger extract includes a weight ratio of about 4.4 parts of the hydroalcoholic extract to 1 part of the supercritical extract.

10 11. The composition of claim 8, wherein the composition contains weight ratios of: (i) the hydroalcoholic rosemary extract to the supercritical rosemary extract from about 1.75:1 to 2.25:1; (ii) the hydroalcoholic parsley leaf extract to the supercritical parsley seed extract from about 1.75:1 to 2.25:1; (iii) the hydroalcoholic ginger extract to the supercritical ginger extract from about 4:1 to 6:1; (iv) the hydroalcoholic peppermint extract to the supercritical peppermint extract from about  
15 1.75:1 to 2.25:1; (v) the hydroalcoholic clove extract to the supercritical clove extract from about 1.75:1 to 2.25:1, and (vi) the extracts of turmeric, rosemary, parsley, ginger, peppermint and clove to the extract of green tea from about 1:1 to 2:1.

20 12. The composition of claim 8, wherein the composition contains by weight: (i) from about 45% to 55% of the hydroalcoholic and supercritical turmeric extracts; (ii) from about 1.5% to 2.5% of the supercritical and hydroalcoholic rosemary extracts; (iii) from about 1.5% to 2.5% of the supercritical parsley seed extract and hydroalcoholic

Patton Ref.: 9510.101

parsley leaf extract; (iv) from about 1.5% to 2.5% of the hydroalcoholic and supercritical ginger extracts; (v) from about 1.5% to 2.5% of the supercritical and hydroalcoholic peppermint extracts; (vi) from about 1.5% to 2.5% of the supercritical and hydroalcoholic clove extracts; and (vii) from about 35% to 45% of the aqueous extract of green tea.

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13. A method comprising:

effecting smoke detoxification in a human by using a composition that is made of effective amounts of supercritical extract and hydroalcoholic extract of turmeric.

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14. The method of claim 13, wherein a weight ratio of the hydroalcoholic extract to the supercritical extract includes a weight ratio of about 3.0-6.0 parts hydroalcoholic extract to 1 part supercritical extract.

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15. The method of claim 13, wherein the composition includes at least one of curcuminoids, antioxidants, and turmerone.

16. The method of claim 13,

wherein the supercritical extract of turmeric contains about 43% to 47% of turmerones, and

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wherein the hydroalcoholic extract of turmeric contains about 11% to 15% of curcuminoids.

Patton Ref.: 9510.101

17. The method of claim 13,

wherein the composition is further made of an effective amount of an aqueous extract of green tea, and

wherein at least one of the supercritical extract and the hydroalcoholic

5 extract of turmeric is synergistic in combination with the aqueous extract of green tea.

18. The method of claim 13, wherein the composition is orally administered, for a therapeutically effective period of time, to the human exposed to toxins from smoke.

10 19. The method of claim 18, wherein the composition is used to reduce elevated levels of mutagens and fibrinogens in the human exposed to toxins from smoke.

20. A method comprising:

effecting smoke detoxification in a human by using a composition that is

15 made of effective amounts of (i) supercritical and hydroalcoholic extracts of turmeric and ginger, (ii) supercritical extracts of rosemary, parsley seed, peppermint and clove, and (iii) hydroalcoholic extracts of rosemary, parsley leaf, peppermint, and clove.

20 21. The method of claim 20, wherein a weight ratio of the hydroalcoholic turmeric extract to the supercritical turmeric extract includes a weight ratio of about 3.0-6.0 parts hydroalcoholic extract to 1 part supercritical extract.

Patton Ref.: 9510.101

22. The method of claim 20, wherein a weight ratio of the hydroalcoholic ginger extract to the supercritical ginger extract includes a weight ratio of about 4.4 parts of the hydroalcoholic extract to 1 part of the supercritical extract.

5 23. The method of claim 20, wherein the composition contains weight ratios of: (i) the hydroalcoholic rosemary extract to the supercritical rosemary extract from about 1.75:1 to 2.25:1; (ii) the hydroalcoholic parsley leaf extract to the supercritical parsley seed extract from about 1.75:1 to 2.25:1; (iii) the hydroalcoholic ginger extract to the supercritical ginger extract from about 4:1 to 6:1; (iv) the hydroalcoholic peppermint  
10 extract to the supercritical peppermint extract from about 1.75:1 to 2.25:1; (v) the hydroalcoholic clove extract to the supercritical clove extract from about 1.75:1 to 2.25:1, and (vi) the extracts of turmeric, rosemary, parsley, ginger, peppermint and clove to the extract of green tea from about 1:1 to 2:1.

15 24. The method of claim 20, wherein the composition contains by weight: (i) from about 45% to 55% of the hydroalcoholic and supercritical turmeric extracts; (ii) from about 1.5% to 2.5% of the supercritical and hydroalcoholic rosemary extracts; (iii) from about 1.5% to 2.5% of the supercritical parsley seed extract and hydroalcoholic parsley leaf extract; (iv) from about 1.5% to 2.5% of the hydroalcoholic and supercritical  
20 ginger extracts; (v) from about 1.5% to 2.5% of the supercritical and hydroalcoholic peppermint extracts; (vi) from about 1.5% to 2.5% of the supercritical and hydroalcoholic clove extracts; and (vii) from about 35% to 45% of the aqueous extract of green tea.